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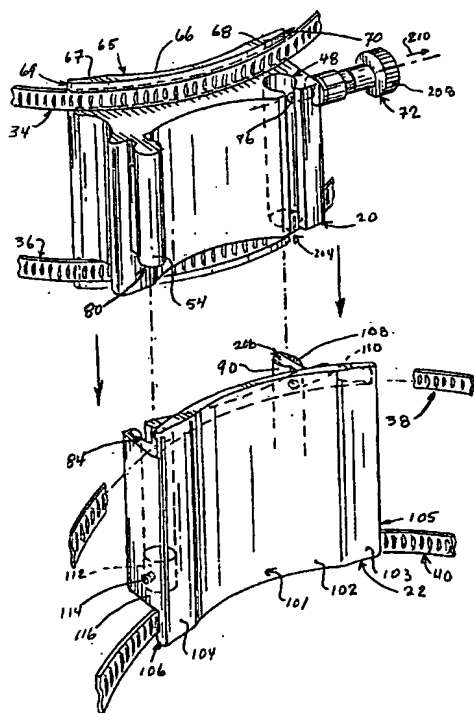
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60/434,043 17 December 2002 (17.12.2002) **US**
- (71) Applicant (for all designated States except US): **SHARK-BAIT, LLC [US/US]; 374 Godwin Avenue, Wyckoff, NJ 07481 (US).**
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **COOPER, Ronald, Chadwick [US/US]; 374 Godwin Avenue, Wyckoff, NJ 07481 (US).**
- (74) Agent: **QUAST, W., Patrick; 164 Franklin Turnpike, Waldwick, NJ 07463 (US).**
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(54) Title: **MOUNTING SYSTEM**



(57) Abstract: A two piece (20, 22) mounting system is disclosed. For a marine application, as, for example, mounting a pair of air tanks (10, 12) together, a first piece (20) is attached to one tank and a second piece (22) is attached to the other tank. A pair of cooperatively dimensioned cavities (48, 84) and protrusions (54, 90) on the front of both pieces permit easy and rapid mounting of the first piece to the second piece. A built-in spring loaded, indexing plunger mechanism (72) automatically locks the two pieces together at an automatically predetermined position dictated by the length of one protrusion and a built-in stop (112) in a cavity. Quick dismounting is permitted by simply displacing the handle (208) on the plunger mechanism. A number of other applications, including mounting a fire extinguisher to a wall, is discussed.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/40434

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A47K 1/08

US CL : 248/313, 311.2, 229.17, 222.12, 214.7, 223.41, 230.1, 230.8, 230.31, 315, 316.1; 224/270, 250; 211/1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 248/313, 311.2, 229.17, 222.12, 214.7, 223.41, 230.1, 230.8, 230.31, 315, 316.1; 224/270, 250; 211/107; 215/388.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3,734,438 A (Kautz) 22 May 1973 (22/04/73). See entire document.	1-2, 8-10, 12-13-17.
Y	US 5,570,967 A (Berg) 3 December 1996 (3/12/96). See entire document.	6-7
A	US 5,906,302 A (Spergel) 25 May 1999 (25/05/99). Entire document.	1-17
A	US 6,367,753 A (Berg) 09 April 2002 (09/04/02). See entire Document.	1-17

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"&" document member of the same patent family

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Tan Le

Telephone No. (703) 305-8244